At line 3, delete "A" and substitute --In--, after "system" insert --,--, delete "comprises.

At line 4, delete "(1)" and substitute --are provided--.

At line 5, delete "(2)".

At line 7, delete "(1)".

At line 8, delete "fashioned" and substitute --designed-.

At line 9, delete "(1)", delete "means" and substitute --unit--, delete "(5)".

At line 10, before "cordless" insert --the--.

At line 11, delete "(1)", before "communication" insert --a--, delete "(2)".

At line 12, delete "The invention enables a" and substitute --A--, after "transmission" insert --is thus enabled--.

At line 13, delete "(2)".

At line 14, delete "outlay" and substitute --expense--.

Delete Line 15.

IN THE SPECIFICATION:

Please amend the specification as follows (where specification amendments are to the annex pages (substitute pages) that has been so indicated):

On page 1, before the title, insert

--SPECIFICATION

TITLE - -

after the title, as a separate line, insert

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--BACKGROUND OF THE INVENTION--.

On substitute page 1, at line 3, delete "(1)".

On substitute page 1, at line 8, delete "requires [sic]" and substitute --require--.

On substitute page 1, at line 30, delete "To that end" and substitute --For that purpose--.

On substitute page la, at line 1, delete "fashioned" and substitute --designed-

On substitute page 1a, before line 5, insert the following title:

--SUMMARY OF THE INVENTION --.

On substitute page 1a, at line 7, delete "outlay" and substitute --expense--.

On substitute page 1a, at line 8, delete "the" and substitute --a--.

On substitute page 1a, at line 8, delete "disclosed".

On substitute page 1a, at the last line, delete "in claim 1".

On page 2, at line 2, after "equipment" insert

On page 2, at line 3, delete "fashioned" and substitute --designed--.

On page 2, at line 4, delete "Developments and advantageous".

On page 2, delete line 5.

On page 2, at line 8, delete "outlay" and substitute --expense--.

On page 2, at line 19, delete "ensue" and 30 substitute --occurs--.

On page 2, at line 30, before "infrared" insert

On page 3, at line 1, delete "means (5)" and substitute -- unit 5--.

On page 3, at line 3, delete "stations, the control means" and substitute --stations. The control unit--.

On page 3, at line 6, before "what" insert --in--.

On page 3, at line 8, insert --, -- after "factory".

On page 3, at line 10, delete "ca" and substitute

10 --can--4

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On page 3, at line 14, delete "outlay" and substitute --expense--.

On page 3, at line 19, delete "drawing, where the sole" and substitute --drawing.--, delete "Figure 1 shows

On page 3, before line 20, insert the following heading:

C: --BRIEF DESCRIPTION OF THE DRAWING--

On page 3, at line 20, before "exemplary" insert

--Figure 1 shows an--, delete "inventive", after "system"

insert --of the invention--.

On page 3, before line 21, insert the following heading:

a2 -- <u>DESCRIPTION OF THE PREFERRED EMBODIMENTS</u>--.

On page 3, at line 22, before "pointed" insert

On page 3, at line 29, delete "thereby" and substitute --therefore--.

On page 3, at the last line, delete "a matter of".

On page 4, at line 4, delete ", respectively,".

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On page 4, at line 8, after "infrared" insert -- radiation--.

On page 4, at line 14, delete "ensues" and substitute --occurs--.

On page 4, at line 15, delete "outlay" and substitute --expense--, delete "inventive", after "system" insert --of the invention--.

On page 4, at line 17, delete "means" and substitute --unit--, before "bus" insert --a--.

10 On page 4, at line 19, delete "means" and substitute --unit--.

On page 4, at line 21, delete "means" and substitute --unit--, before "external" insert --the--, delete "ensue" and substitute --occur--.

On page 4, at line 23, delete "ensue" and substitute --occur--.

On page 4, at line 26, delete "fashioned" and substitute --designed--.

On page 4, at line 28, delete ", respectively,".

On page 4, at line 29, delete ", respectively,".

On page 5, at line 3, delete "inventive", after "system" insert -- of the invention--.

On page 5, at line 5, delete "outlay" and substitute --expense--.

On page 5, as the last paragraph, insert the following paragraph:

--Although various minor changes and modifications might be proposed by those skilled in the art, it will be understood that our wish is to include within the claims of the patent warranted hereon all such changes

N3



09/674755 526 Rec'd 77773 03NOV 2000

Siemens AG New PCT application 26965-0600 (P-00,1814) 1998P01681WOUS Inventor: Tasto et al. Re: Substitute Pages

Translation / October 26, 2000 / 1696(911) / 420 words

526 Rec'd PCT/FTO 03NOV 2000 09/674755

BROADBAND COMMUNICATION SYSTEM

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The invention is directed to a broadband communication system with a plurality of cordless communication devices (1) connected to one another for cordless communication with at least one communication terminal device within a communication cell.

Demanding communication services such as the transmission of video data, for example for television transmission, video playback or picture telephony, requires [sic] high data rates on the order of magnitude of 10 megabits per second. The bandwidths currently employed in cordless telephones (DECT) or, respectively, in mobile radio telephony (for example, according to GSM standard) at carrier frequencies of approximately 900 MHz through approximately 2000 MHz are therefore no longer adequate for a cordless data transmission over short distances, for example in the house and garden area or in office buildings or the like. On the contrary, higher frequencies are needed, for example above 10 GHz.

The informational brochure "Innovationskolleg Kommunikationssysteme" of the Institute for Communications Technology of the Technical University Dresden proposes that radio frequencies in the region of 60 GHz be employed for cordless digital broadband data transmission within buildings. However, it is generally not possible to penetrate masonry at these high frequencies. A respective radio base station must therefore be installed in every room in which a cordless communication is to be possible.

The informational brochure "Multimediakommunikation auf integrierten Natzen und Terminals" of the Technical University Braunschweig, Institute for Communications Technology, dated 14 August 1997, proposes that the power supply network be utilized for the data transmission within buildings.

An object of the present invention is to enable a cordless broadband communication within buildings and in the environment of buildings with optimally low installation outlay.

This object is achieved by the broadband communication system disclosed in claim 1 comprising a plurality of cordless communication devices connected to one